

MetaAutomation

A Pattern Language to Bridge from
Automation to Team Actions for Quality

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MetaAutomation

A Pattern Language of software quality for
faster, more scalable, and more actionable
measurements and communications
automatically created and directed to the
team members that need to know.

MetaAutomation

SIX syllables?

Why patterns?

Why a pattern *language*?

MetaAutomation

“Meta” addresses the high-level values of automation, or why you would do automation in the first place, in order to be mindful and make those values better.

METAPHYSICS

Metadata

MetaAutomation

Making Automation:

- Faster
- Better Scale
- More Trustworthy
- More Actionable
- +Business Continuity
- Cheaper

MetaAutomation

In Scope:

- Regression automation
- Perf testing
- TIP
- TDD

Not in Scope:

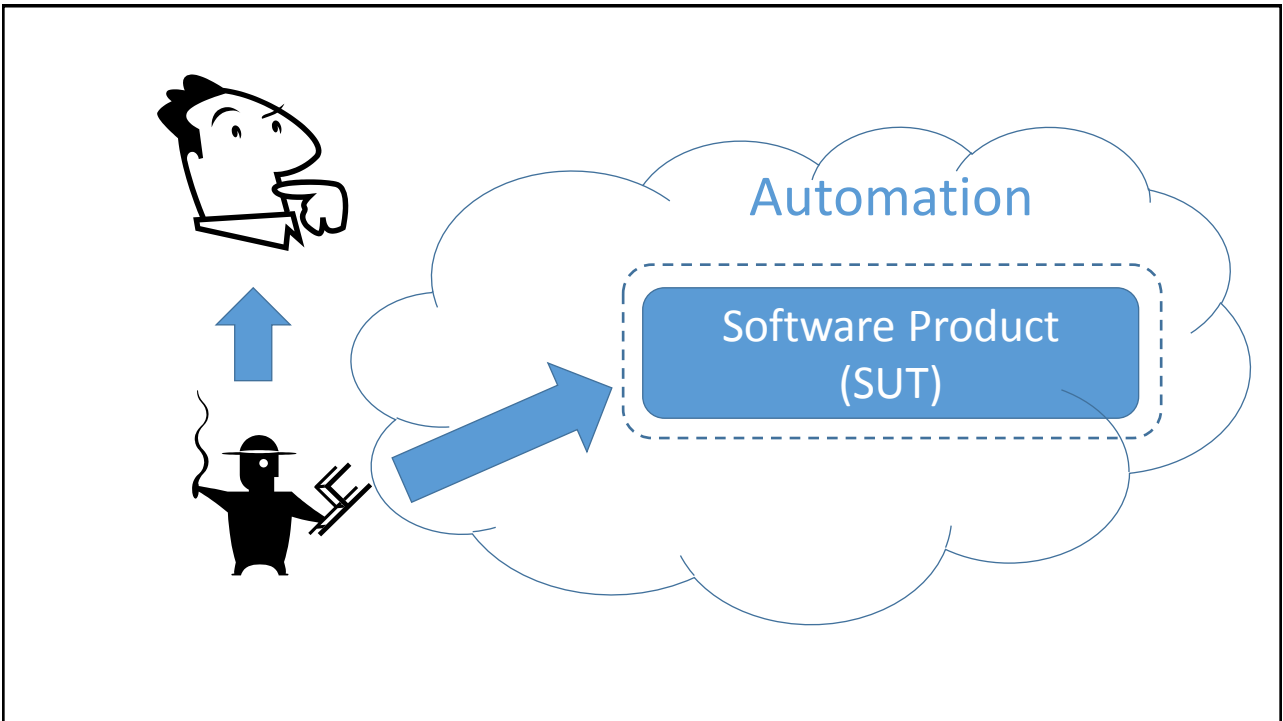
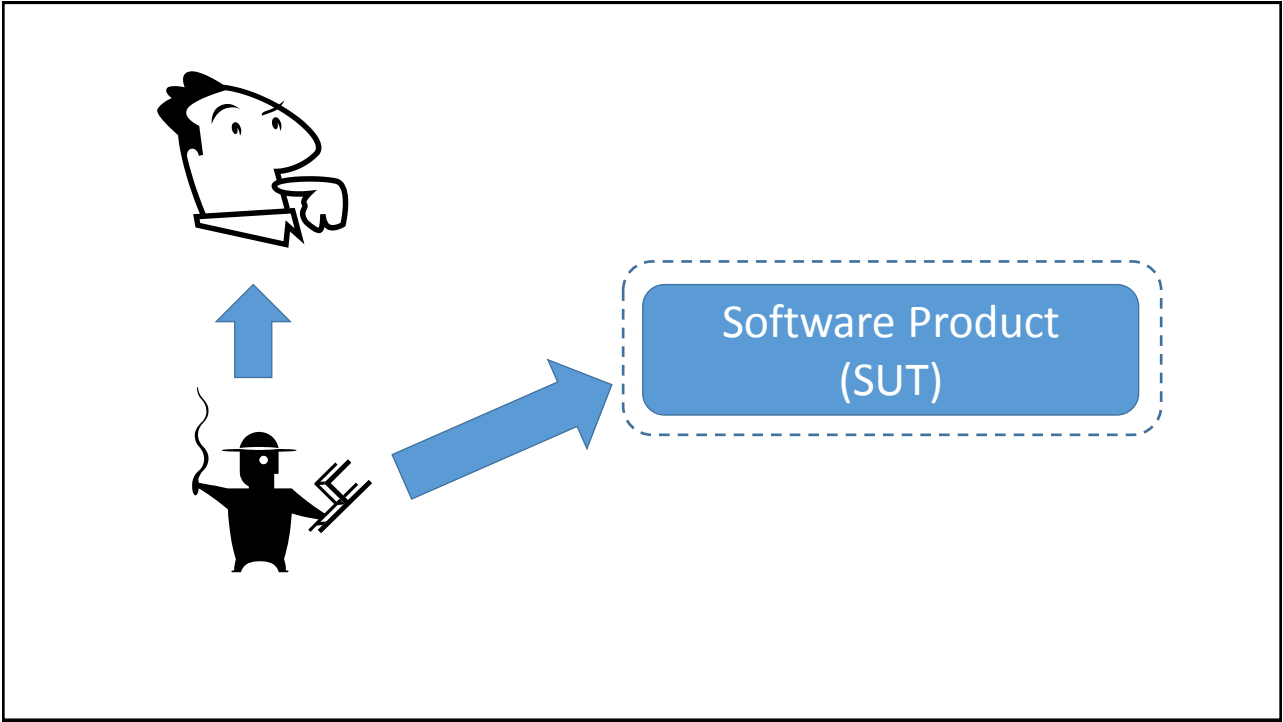
- Unit testing
- Security
- Model-based
- Analytics

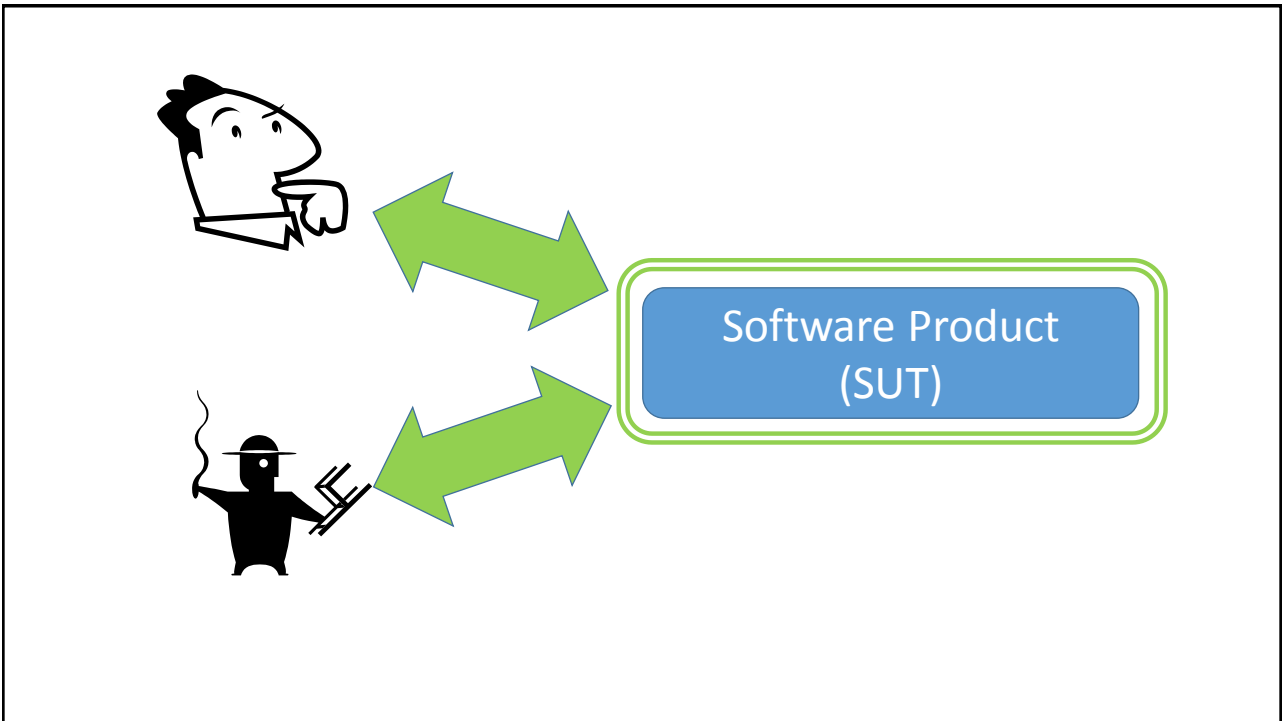
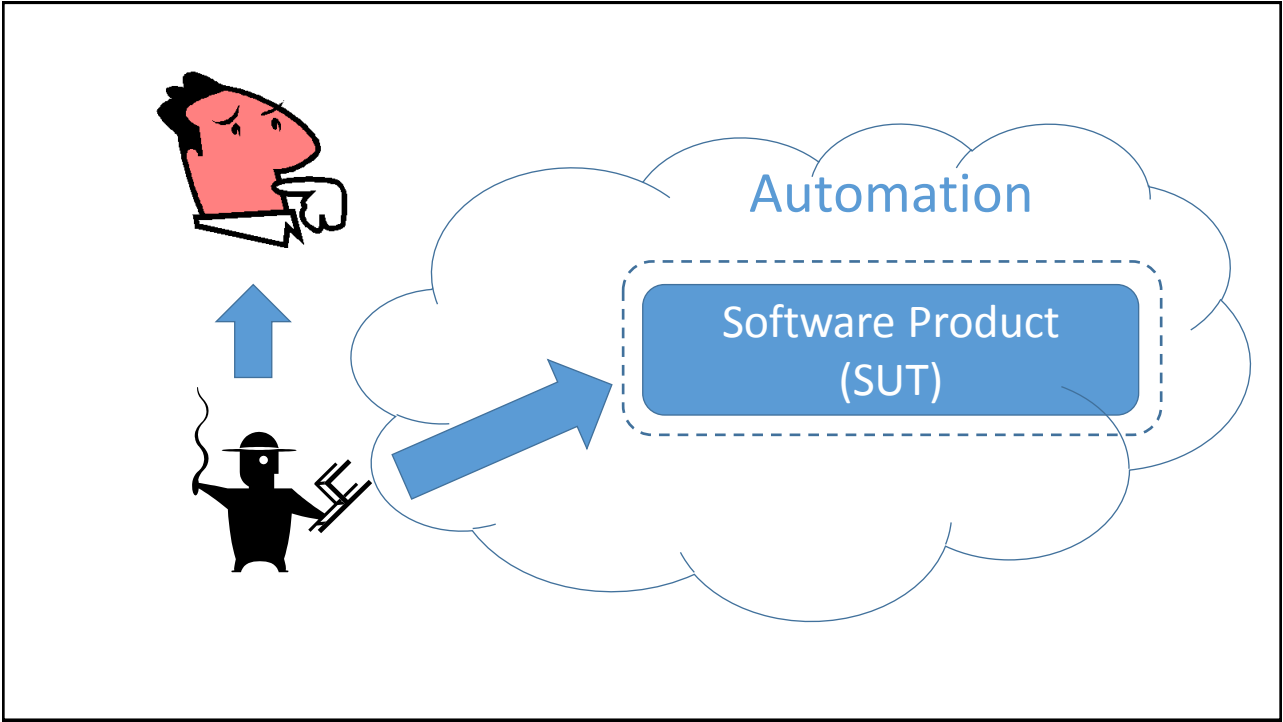
MetaAutomation

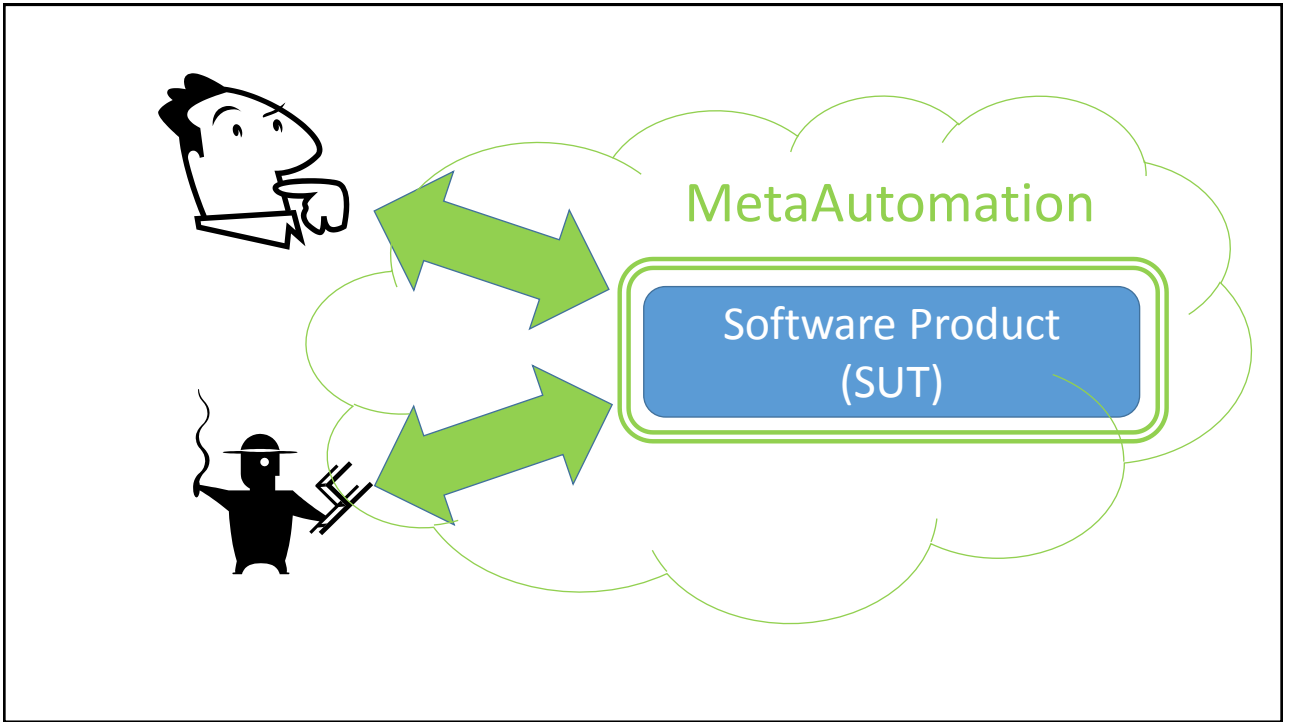
Target Audience:

SDETs
Decision Makers
Product Owners
Test Managers
Around
Test Leads
Program Managers
Quality
Dev Leads and Managers

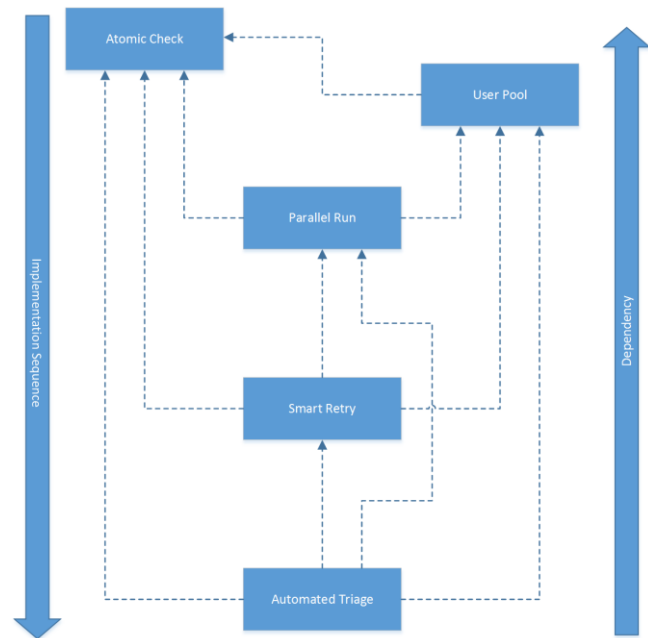
Software Product
(SUT)







MetaAutomation,
sequence and
network



Checks and Tests

- Checks are a kind of test
- Any repeatable automated test is a check

Why use “Check?”

- Common pattern of creating software automation process starts with manual tests
- When the manual test becomes automated, the quality value is very different
- “Check” reduces risk by alerting the team to missing value of automated tests, so avoids the “automation fallacy”
- “Check” makes room for different best practices

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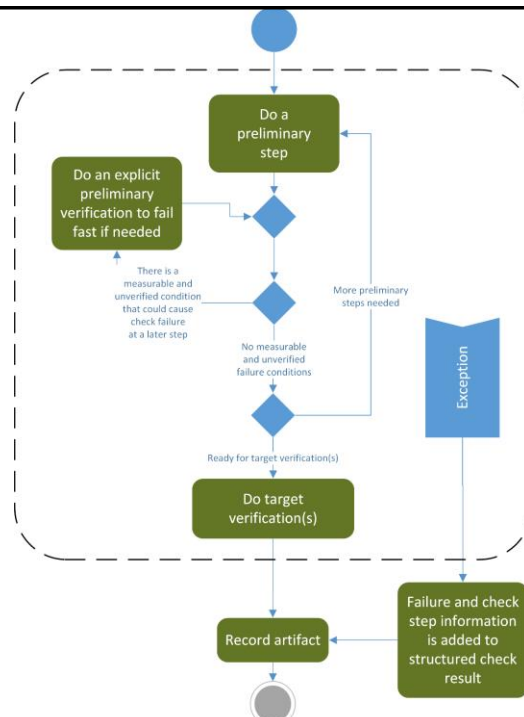
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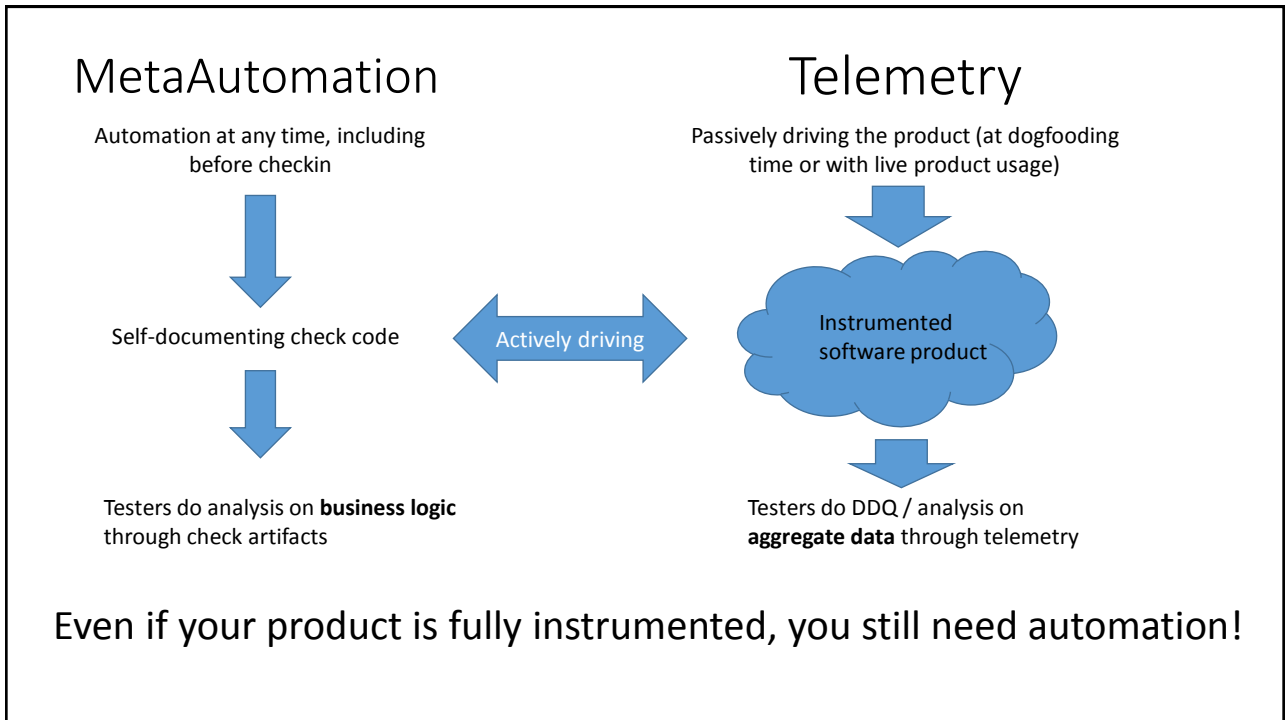
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- Fail soon, fail fast
- Failures are actionable





Contact Information

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... and
MetaAutomation
blog, twitter,
LinkedIn, etc.

The book on MetaAutomation will be available by the end of 2014, first in hard copy, later on electronic media.